

International Application No.  
PCT/GB2004/005407

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National Stage  
Preliminary Amendment

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** LIU et al.

**Attorney Docket No.:** M03B343

**International Application No.** PCT/GB2004/005407 **Group Art Unit:**

**International Application Filing Date:** December 23, 2004

**National Application Filed:** Concurrently Herewith

**Title:** VACUUM PUMP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**  
**37 C.F.R. § 1.115**

Dear Sir:

Prior to examining the above-identified application, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2.

Amendments to the Claims begin on page 14.

Remarks begin on page 20.